

Figure 1

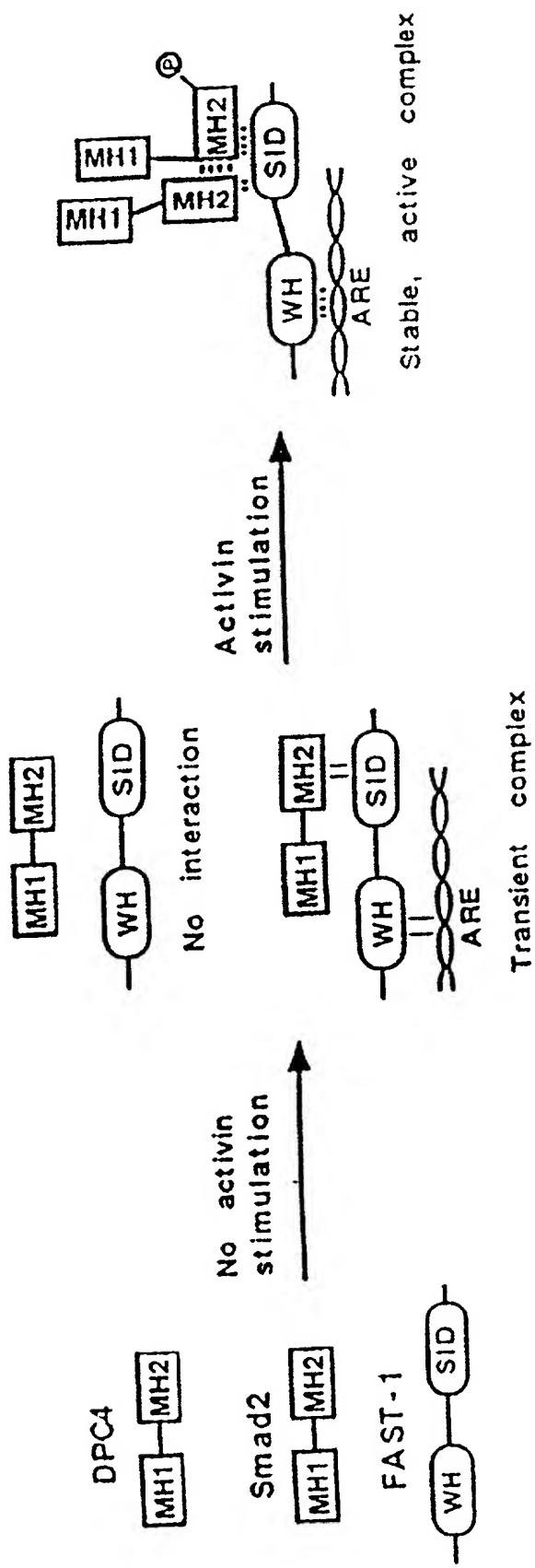


Figure 2

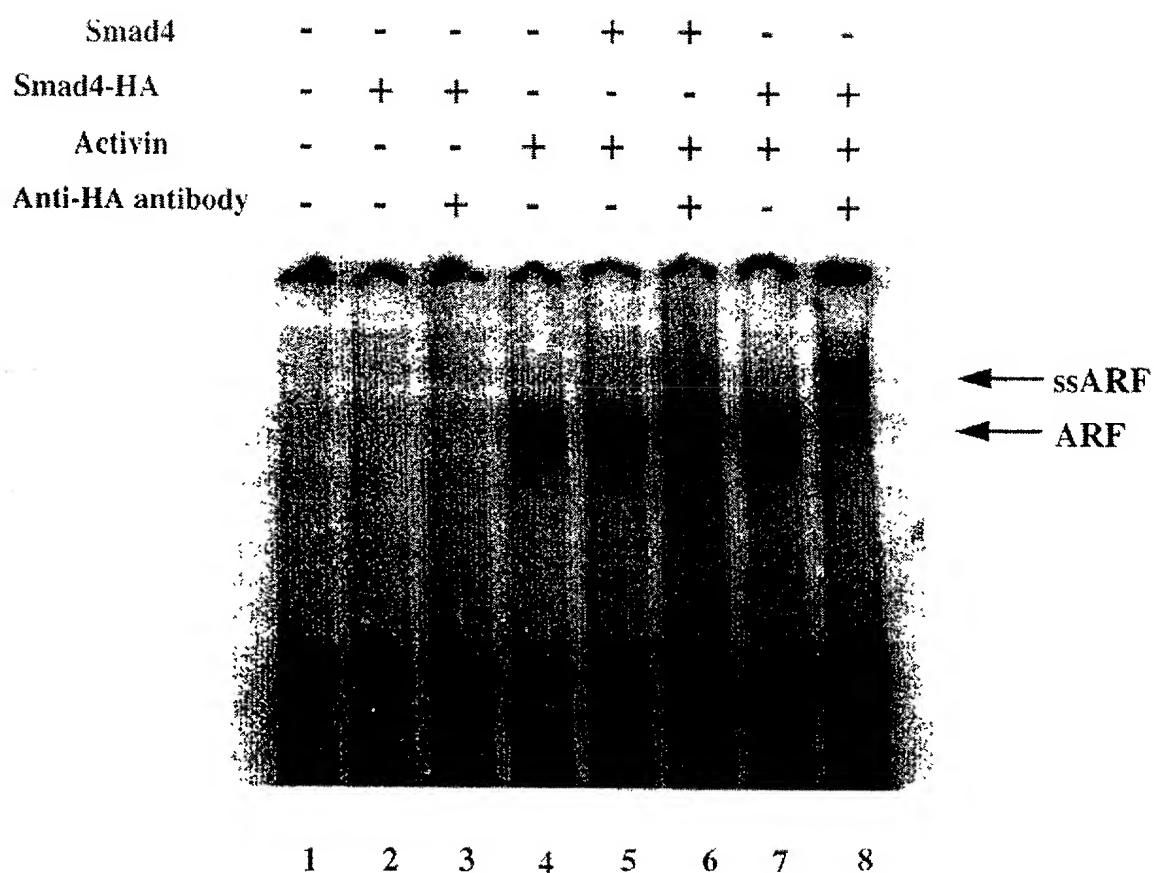


Figure 3

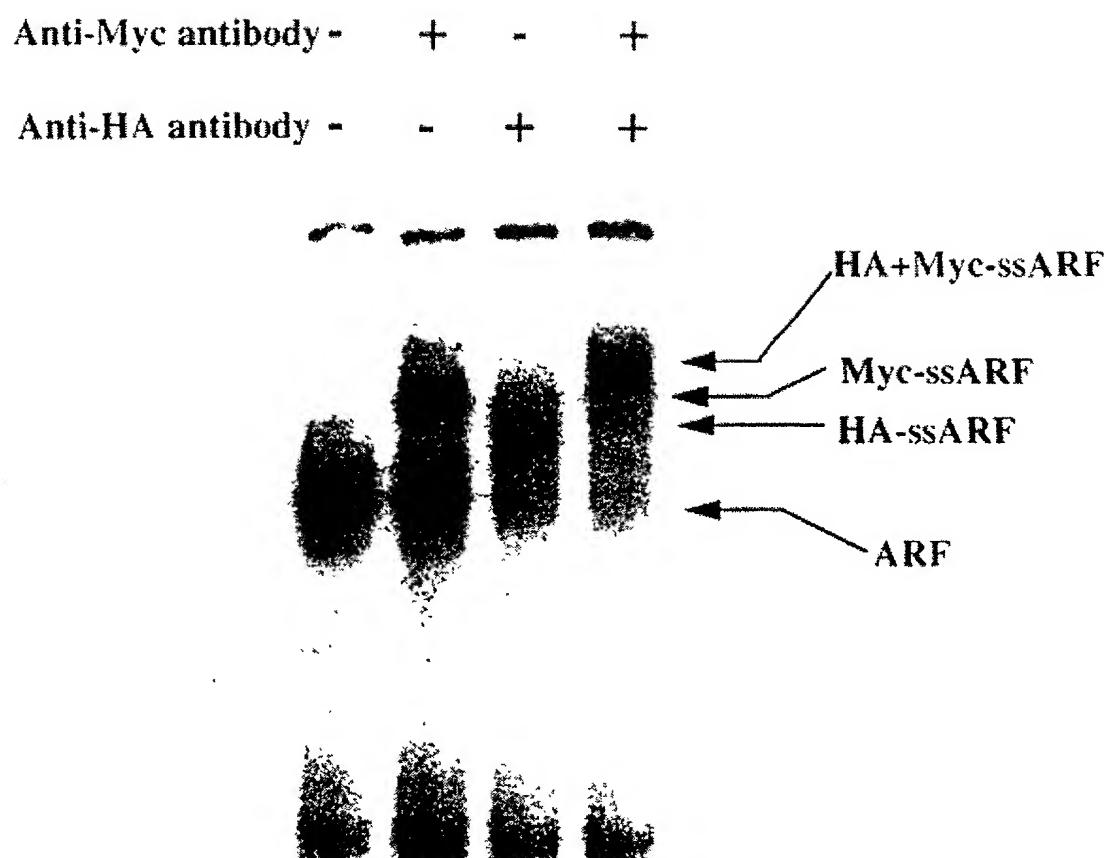


Figure 4

FLAG-Smad2MH2	-	+	-	+	+	+	+	+	+	+
Smad4-HA	-	-	-	-	-	-	+	+	+	+
Activin	-	-	+	+	+	+	+	+	+	+
anti-FLAG Ab	-	-	-	-	+	-	-	+	-	-
anti-HA Ab	-	-	-	-	-	-	+	-	-	+

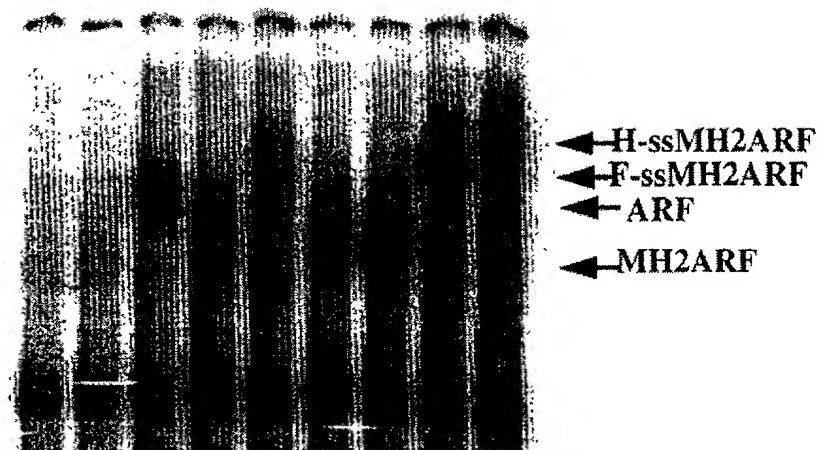
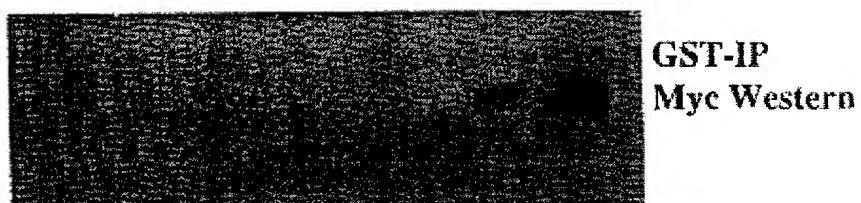


Figure 5A

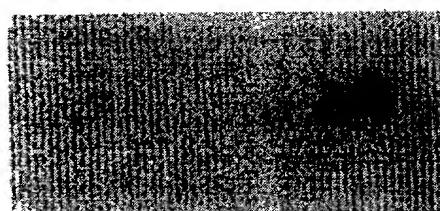
GST-FAST-1	+	-	+	+	-	+	+
Myc-Smad1	-	+	+	+	-	-	-
Myc-Smad2	-	-	-	-	+	+	+
Activin	-	-	-	+	-	-	+



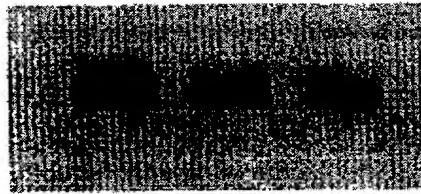
1 2 3 4 5 6 7

Figure 5B

Myc-Smad4	+	+	+
GST-FAST-1	-	+	+
Activin	-	-	+



GST-IP
Myc Western



Cell lysate
Myc Western

1 2 3

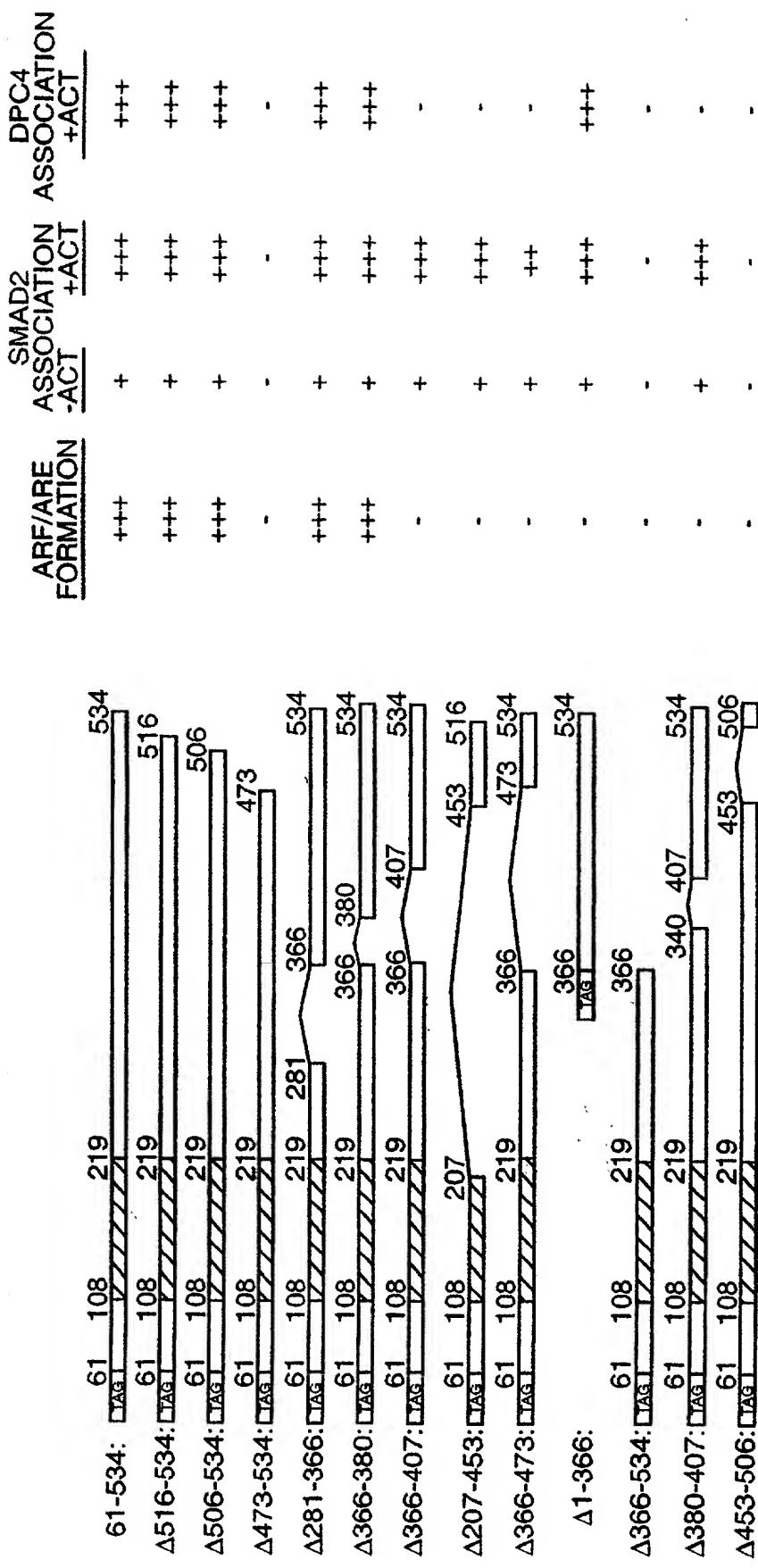


FIG. 6A

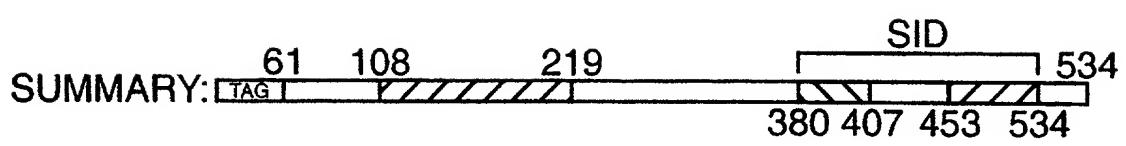


FIG. 6B

Figure 7

FAST-1 366-518 - - + +

Activin - + + -

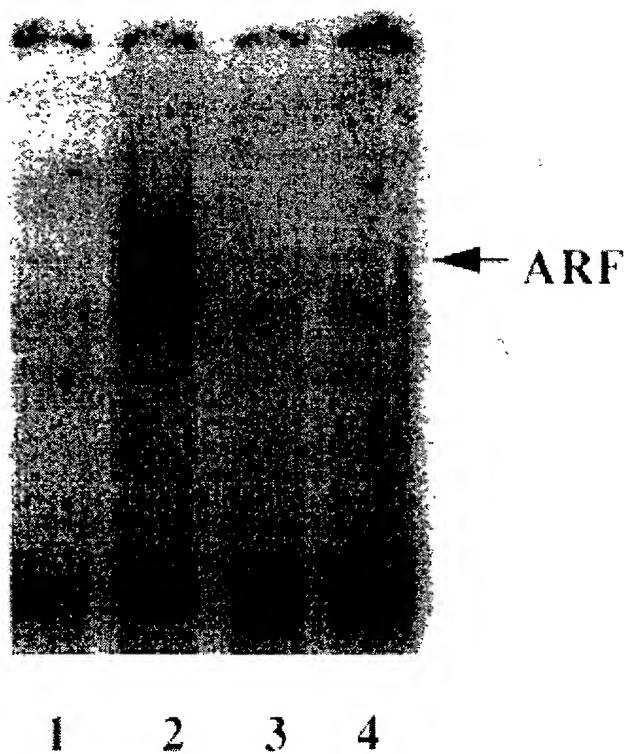


Figure 8A

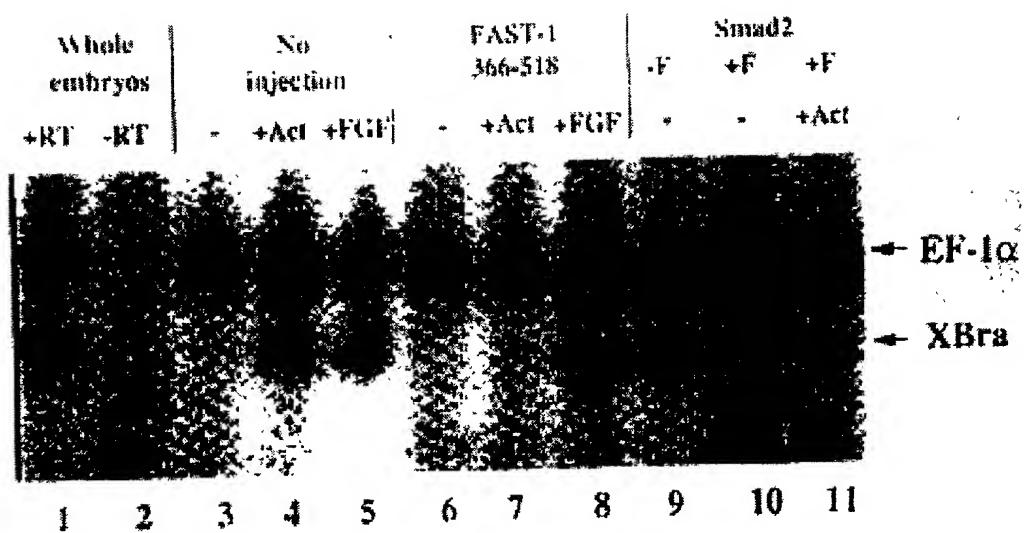


Figure 8B

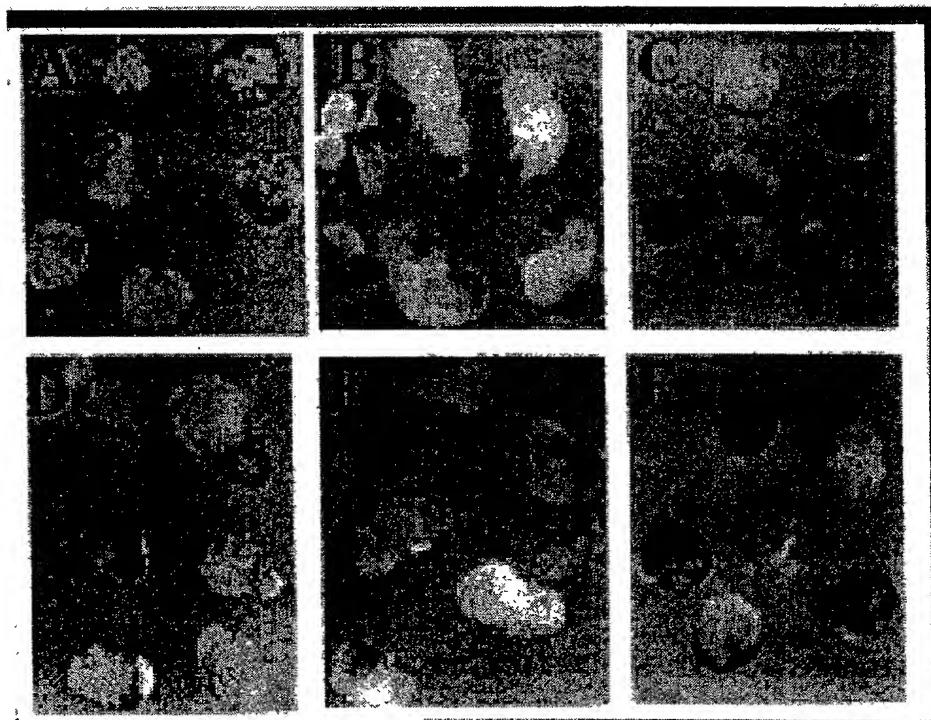


Figure 9

1 2 3 4 5 6 7

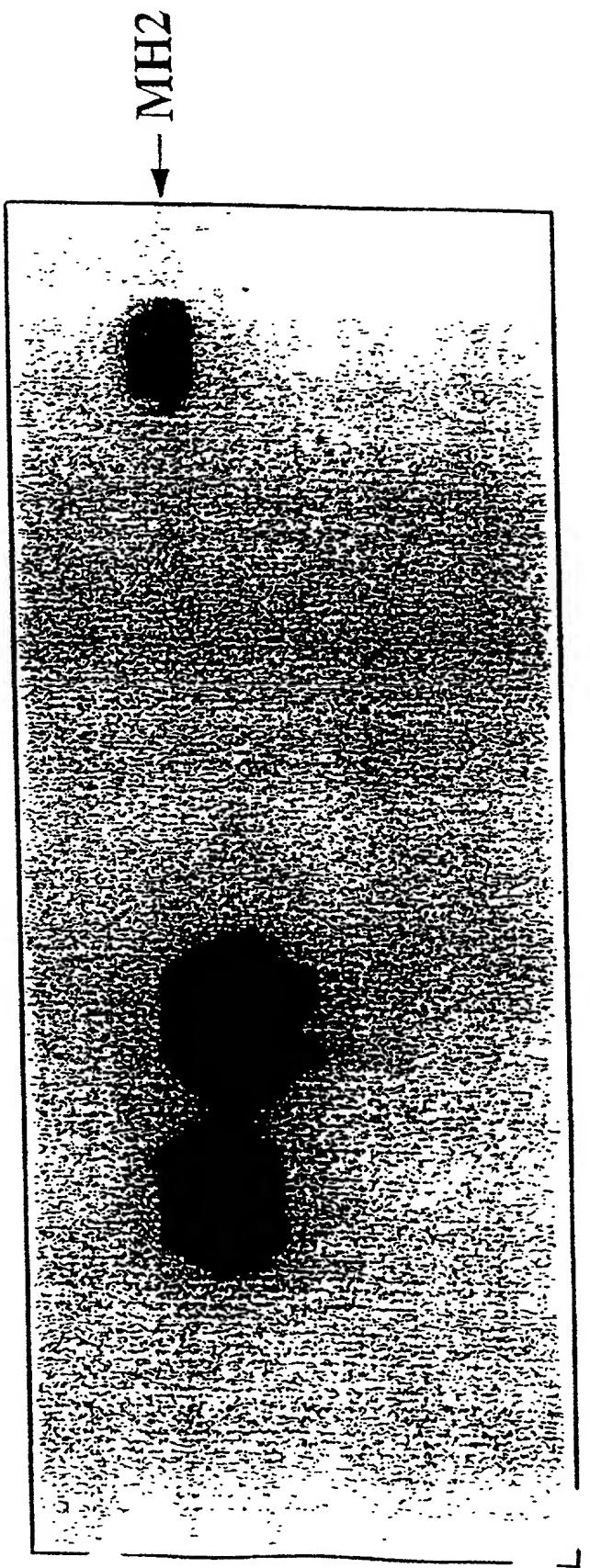


FIG. 10A

FIG. 10B

259	S S G G R S S G G H R A S -	HUMAN FASTI PROTEIN SEQUENCE
290	D S R G G V P R R G S R A S -	MOUSE FASTI PROTEIN SEQUENCE
376	D C S T T T S S D P D T G N Y S P I E P P K K M P L L S L D L	XENOPUS FASTI PROTEIN SEQUENCE
	START SID XENOPUS	
277	P T S Y L P I Y T P N V V M P L A P - P -	HUMAN FASTI PROTEIN SEQUENCE
308	P T S Y L P I Y T P N V V M P L A T L P -	MOUSE FASTI PROTEIN SEQUENCE
406	P T S Y T K S V A P N V V A P P S V L P F F H F P R F T Y Y	XENOPUS FASTI PROTEIN SEQUENCE
	START SID MOUSE	
296	- - - P T S C P Q C P S - T S P A Y W G -	HUMAN FASTI PROTEIN SEQUENCE
328	- - - T T S C P Q C P S S A S P A Y W S -	MOUSE FASTI PROTEIN SEQUENCE
436	N Y G P S - - - P Y - M T P P Y W G F P H P T N S G G D	XENOPUS FASTI PROTEIN SEQUENCE
	START SID MOUSE	
315	E T R G P P G L L C D L M A L L F Q G V P P N K S I Y D V W V	HUMAN FASTI PROTEIN SEQUENCE
348	E S Q G S Q D L L C D L D S L F Q G V P P N K S I Y D V W V	MOUSE FASTI PROTEIN SEQUENCE
460	S P R G P C S P L - D L D N M L R A M P P N K S V F D V I T	XENOPUS FASTI PROTEIN SEQUENCE
	START SID MOUSE	
345	S H P R D L A A P G -	HUMAN FASTI PROTEIN SEQUENCE
378	S H P R D L A A P A -	MOUSE FASTI PROTEIN SEQUENCE
489	S H P G D L V H P S F L S Q C L G S S P Y P S R Q G L M	XENOPUS FASTI PROTEIN SEQUENCE
	START SID MOUSE	
355	- - - P G W L L S W C S - - - L Z	HUMAN FASTI PROTEIN SEQUENCE
388	- - - P G W L L S W Y S - - - M Z	MOUSE FASTI PROTEIN SEQUENCE
519	Y R R R P P G - - L T W S G H S M K Z	XENOPUS FASTI PROTEIN SEQUENCE

FIG. 10C